

# EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	111537	microcapsule microsphere microballoon micro adj capsule micro adj sphere micro adj balloon core adj shell core adj shell adj particle nanocapsule nanosphere nano adj capsule nano adj sphere core-shell core-shell adj particle microencapsulats\$4 micro adj encapsulats\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/15 14:06
S2	583749	emulsion emulsification emulsif\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/15 14:06
S3	1767	cross near3 flow near3 filter\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/15 14:09
S4	2	S1 same S2 same S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/15 14:07
S5	22	S1 S2 S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/04/15 14:10
S6	1767	(cross near3 flow near3 filter\$4) (cross adj flow adj filter\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/15 14:10
S7	22	S1 S2 S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/04/15 14:10
S8	1768	(cross near3 flow near3 filter\$5) (cross adj flow adj filter\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/15 14:26
S9	22	S1 S2 S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/04/15 14:10
S10	2444	(cross near3 flow near3 filter\$5) (cross adj flow) with filter\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/15 14:26
S11	2702	(cross near3 flow near3 filter\$5) (cross adj flow) with filter\$5 crossflow with filter\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/15 14:27
S12	3	S11 same S1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/15 14:30

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S13	237	(advantage benefit use usage gain improve improvement enhance enhancement develop development assist assistance help) with S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/15 14:39
S14	25	*6291013*	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/15 14:38
S15	16	((("6291013") or ("5980947") or ("5356642") or ("6117455") or ("3611971") or ("6190700") or ("5603961") or ("5945126"))).	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/15 14:41
S16	2	S13 and S1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/15 14:39
S17	14908	SUZUKI-AS.IN. TANIMOTO-Ms.IN. MURATA-Js.IN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/15 14:42
S18	5771	SUZUKI-AKIRA.IN. TANIIMOTO-Ms.IN. MURATA-Js.IN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/15 14:42
S19	4176	SUZUKI-AKIRA.IN. TANIMOTO-MASAHICO.IN. MURATA-JUNICHI.IN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/15 14:43
S20	19	S18 AND S1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/15 14:59
S21	1491	(HOLLOW ADJ FIBER ADJ MEMBRANE) WITH FLOW	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/15 15:00
S22	23	S21 AND S1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/15 14:59
S23	21	(CROSSFLOW ADJ FILTER) WITH FLOW	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/15 15:06
S24	3	(CROSSFLOW ADJ FILTER) AND S1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/15 15:06

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S25	81	(CROSS ADJ FLOW ADJ (FILTER MEMBRANE) TANGENT*4 ADJ FLOW ADJ (FILTER MEMBRANE)) AND S1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/15 15:07
S26	61	S25 AND (EMULSION EMULSIONS DISPERSION)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/15 15:08
S27	4	((6270802) or ("6294204")),PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/15 16:10
S28	2	("5945126"),PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/15 17:09
S29	4100	hydrophobic same (water adj solubility4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/15 17:10
S30	653	S29 and S1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/15 17:10
S31	515	S30 and emulsion	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/15 17:10
S32	1070	hydrophobic same (water adj solubility4) same polymer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/15 17:10
S33	156	S32 and emulsion and S1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/15 17:17
S34	168	PLGA with hydrophobic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/15 18:23
S35	2454	miscible same (solvent with removal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/15 18:23
S36	564	S35 same water same acetone	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/15 19:04

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S37	3850788	inner adj shear liquid ad liquid adj shear	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/15 19:08
S38	46315	high near3 shear	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/15 19:04
S39	7512	S38 same S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/15 19:04
S40	734	S39 and S1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/15 19:04
S41	435	S40 and emulsion	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/15 19:05
S42	27	liquid ad liquid adj shear) SAME (HIGH ADJ SHEAR) SAME S1 SAME EMULSION	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/15 19:22
S43	8	(crossflow adj filter) same (pore adj size)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/15 19:38
S44	14	((("4,815,542,") or ("4,767,628,") or ("3,773,919,") or ("3,755,558") or ("5,407,609"))),PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/15 19:38
S45	3	S44 and polyester	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/15 19:38